

Simatic 505 Suite

SKU: KWP-SM5050-PRD

Component Drivers

- Simatic/TI 505 Ethernet
- Simatic/TI 505 Serial

Application Support

- OPC Data Access (OPC DA) Versions 1.0a, 2.0, 2.05a, and 3.0
- OPC Alarms and Events (OPC AE) Version 1.10
- OPC Unified Architecture (OPC UA) Version 1.01
- OPC .NET Service (OPC .NET) Version 1.00
- SuiteLink and FastDDE for Wonderware
- NIO Interface for iFIX
- DDE Format CF_Text and AdvancedDDE

Featured Suites

- Manufacturing Suite
- Simatic Suite

SimaticTI 505 Ethernet

Product Overview

The Simatic/TI 505 Ethernet driver works in conjunction with KEPServerEX to exchange data between OPC clients and CTI 2500 Series PLCs (using on-board Ethernet port) or Siemens Simatic 545/555 PLCs (using the 2572 / 2572-A / 505-CP2572 / 505-CP1434-TCP Ethernet interface). KEPServerEX automatically optimizes data acquisition based on client demand and ensures data integrity through extensive error handling.

Features

- Supports the CAMP Protocol
- Supports UDP and TCP/IP
- Supports all PLC memory types, including Drums, Alarms, and Loops
- Supports simultaneous device connections for improved performance
- Supports all data types
- Supports accessing V memory as string data with HiLo/LoHi byte ordering

Protocols

- SIMATIC CAMP / CAMP Packed Task Code

Supported Devices

- CP 2572
- CTI 2500
- CTI 2500 Series PLCs - via on-board Ethernet
- CTI 2572
- CTI 2572-A
- TI-525 (TI525) - via CP2572 Ethernet
- TI-545 (TI545) - via CP2572 and CP2572A Ethernet, CP1434-TCP
- TI-555 (TI555) - via CP2572 and CP2572A Ethernet, CP1434-TCP
- TI-565 (TI565)

SimaticTI 505 Serial

Product Overview

The Simatic/TI 505 Serial driver works in conjunction with KEPServerEX to exchange data between OPC clients and Siemens CTI 2500 Series/Simatic 505 PLCs. KEPServerEX automatically optimizes data acquisition based on client demand and ensures data integrity through extensive error handling.

Features

- Supports the Non-Intelligent Terminal Protocol (NITP)
- Supports the Transparent Byte Protocol (TBP)
- Supports the following Memory Types: X, Y, WX, WY, C, V, K, STW, TCP, TCC, DSP, DSC, DCC, DTB, and DCP
- Supports all data types
- Modem Support
 - Automatic dial configuration
 - Multiple phone number management

Protocols

- Non-Intelligent Terminal Protocol (NITP)
- Transparent Byte Protocol (TB)

Supported Devices

- CTI 2500 Series Processors
- TI 500/505 - NITP
- TI-500/505 - Transparent Byte
- TI-520 (TI520)
- TI-525 (TI525)
- TI-535 (TI535)
- TI-545 (TI545)
- TI-555 (TI555)
- TI-565 (TI565)
- TI-575 (TI575)